

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

Application No.	10/814,844
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2162
Examiner Name	Robert Stevens
Attorney Docket Number	20412-08497

Sheet

8

of

8

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
/RS/		00/43862 A1)			

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
/RS/	C1	Chinese Application No. 2004100849823 Office Action, June 1, 2007, 24 pages.	√
/RS/	C2	Chinese Application No. 2004100897988 Office Action, April 6, 2007, 8 pages.	√
/RS/	C3	Communication Pursuant to Article 96(2) EPC, European Application No. 04255836.1, June 11, 2007, 10 pages.	√

Examiner Signature	/R Stevens/	Date Considered	01/16/2008
-----------------------	-------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08497/DOCS/1815979.1

10-30-2007

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application No.	10/814,844
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2162
Examiner Name	Robert Stevens
Attorney Docket Number	20412-08497

Sheet	1	of	2
-------	---	----	---

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number - Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/RS/	A1	US-7,023,459 B2	04-04-2006	Arndt et al.
	A2	US-7,000,193 B1	02-14-2006	Impink Jr. et al.
	A3	US-2004/0156616 A1	08-12-2004	Strub et al.
	A4	US-2003/0220988 A1	11-27-2003	Hymel
	A5	US-6,611,622	08-26-2003	Krumm
	A6	US-6,611,276 B1	08-26-2003	Muratori et al.
	A7	US-2002/0010641 A1	01-24-2002	Stevens et al.
	A8	US-6,308,887 B1	10-30-2001	Korman et al.
	A9	US-6,296,693 B1	10-02-2001	McCarthy
	A10	US-6,167,033	12-26-2000	Chang et al.
	A11	US-6,118,888	09-12-2000	Chino et al.
	A12	US-6,038,567	03-14-2000	Young
	A13	US-6,000,030	12-07-1999	Steinberg et al.
	A14	US-5,940,776	08-17-1999	Baron et al.
	A15	US-5,936,542	08-10-1999	Kleinrock et al.
	A16	US-5,721,883	02-24-1998	Katsuo et al.
	A17	US-5,633,723	05-27-1997	Sugiyama et al.
	A18	US-5,576,950	11-19-1996	Tonomura et al.
	A19	US-5,568,406	10-22-1996	Gerber
	A20	US-5,270,989	12-14-1993	Kimura
	A21	US-5,170,935	12-15-1992	Federspiel et al.
	A22	US-5,136,563	08-04-1992	Takemasa et al.
	A23	US-4,734,898	03-29-1988	Morinaga
	A24	US-2007/0033419 A1	02-08-2007	Kocher et al.
	A25	US-7,131,058	10-31-2006	Lapstun et al.
	A26	US-2005/0064935 A1	03-24-2005	Blanco
/RS/	A27	US-2004/0249650 A1	12-09-2004	Freedman et al.

Examiner Signature	/R Stevens/	Date Considered	01/16/2008
-----------------------	-------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08497/DOCS/1815979.1

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

Application No.	10/814,844
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2162
Examiner Name	Robert Stevens
Attorney Docket Number	20412-08497

Sheet	2	of	2
-------	---	----	---

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/RS/	A28	US-2004/0143602 A1	07-22-2004	Ruiz et al.
	A29	US-6,750,978	06-15-2004	Marggraft et al.
	A30	US-2003/0220988 A1	11-27-2003	Hymel
	A31	US-2003/0117652 A1	06-26-2003	Lapstun
	A32	US-6,529,920	03-04-2003	Arons et al.
	A33	US-2003/0007776 A1	01-09-2003	Kameyama et al.
	A34	US-2002/0185533 A1	12-12-2002	Shieh et al.
	A35	US-2002/0171857 A1	11-21-2002	Hisatomi et al.
	A36	US-2002/0169849 A1	11-14-2002	Schroath
	A37	US-2002/0048224 A1	04-25-2002	Dygert et al.
	A38	US-2002/0010641 A1	01-24-2002	Stevens et al.
	A39	US-6,452,615	09-17-2002	Chiu et al.
	A40	US-2001/0037408 A1	11-01-2001	Thrift et al.
	A41	US-6,193,658	02-27-2001	Wendelken et al.
	A42	US-6,115,718	09-05-2000	Huberman et al.
	A43	US-5,633,723	05-27-1997	Sugiyama et al.
	A44	US-5,568,406	10-22-1996	Gerber
	A45	US-5,436,792	07-25-1995	Leman et al.
	A46	US-4,881,135	11-14-1989	Heilweil
/RS/	A47	US-4,807,186	02-21-1989	Ohnishi et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
/RS/	B1	CN 1352765 A (corresponds to WO)	06-05-2002	Silicon Stemcell, LLC	√

Examiner Signature	/R Stevens/	Date Considered	01/16/2008
--------------------	-------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08497/DOCS/1815979.1

12-10-07

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/814,844
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2162
				Examiner Name	Robert Stevens
Sheet	1	of	15	Attorney Docket Number	20412-08497

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/RS/	A1	US-7,266,782	09-04-2007	Hull et al.
	A2	US-7,263,671	08-28-2007	Hull et al.
	A3	US-7,263,659	08-28-2007	Hull et al.
	A4	US-7,215,436	05-08-2007	Hull et al.
	A5	US-7,149,957	12-12-2006	Hull et al.
	A6	US-6,993,573	01-31-2006	Hunter
	A7	US-6,923,721	08-02-2005	Luciano et al.
	A8	US-6,865,714	03-08-2005	Liu et al.
	A9	US-6,865,608	03-08-2005	Hunter
	A10	US-6,781,609	08-24-2004	Barker et al.
	A11	US-6,766,363	07-20-2004	Rothschild
	A12	US-6,760,541	07-06-2004	Ohba
	A13	US-6,745,234	06-01-2004	Philyaw et al.
	A14	US-6,684,368	06-01-2004	Philyaw et al.
	A15	US-6,675,165	01-06-2004	Rothschild
	A16	US-6,651,053	11-18-2003	Rothschild
	A17	US-6,636,869	10-21-2003	Reber et al.
	A18	US-6,623,528	09-23-2003	Squilla et al.
	A19	US-6,608,563	08-19-2003	Weston et al.
	A20	US-6,596,031	07-22-2003	Parks
	A21	US-6,567,980	05-20-2003	Jain et al.
	A22	US-6,546,385	04-08-2003	Mao et al.
	A23	US-6,542,933	04-01-2003	Durst Jr. et al.
	A24	US-6,518,986	02-11-2003	Mugura
	A25	US-6,505,153	01-07-2003	Van Thong et al.
	A26	US-6,434,561	08-13-2002	Durst Jr. et al.
	A27	US-6,430,554	08-06-2002	Rothschild

Examiner Signature	/R Stevens/	Date Considered	01/17/2008
--------------------	-------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.
 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08497/DOCS/1825249.2

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

Application No.	10/814,844		
Filing Date	March 30, 2004		
First Named Inventor	Jonathan J. Hull		
Art Unit	2162		
Examiner Name	Robert Stevens		
Attorney Docket Number	20412-08497		
Sheet	2	of	15

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/RS/	A28	US-6,421,067	07-16-2002	Kamen et al.
	A29	US-6,369,811	04-09-2002	Graham et al.
	A30	US-6,262,724	07-17-2001	Crow et al.
	A31	US-6,211,869	04-03-2001	Loveman et al.
	A32	US-6,199,048	03-06-2001	Hudetz et al.
	A33	US-6,182,090	01-30-2001	Peairs
	A34	US-6,160,633	12-12-2000	Mori
	A35	US-6,151,059	11-21-2000	Schein et al.
	A36	US-6,125,229	09-26-2000	Dimitrova et al.
	A37	US-6,108,656	08-22-2000	Durst et al.
	A38	US-6,101,503	08-08-2000	Cooper et al.
	A39	US-6,098,082	08-01-2000	Gibbon et al.
	A40	US-6,094,648	07-25-2000	Aalbersberg
	A41	US-6,061,758	05-09-2000	Reber et al.
	A42	US-6,055,542	04-28-2000	Nielsen et al.
	A43	US-6,028,601	02-22-2000	Machiraju et al.
	A44	US-6,026,409	02-15-2000	Blumenthal
	A45	US-6,021,403	02-01-2000	Horvitz et al.
	A46	US-6,006,218	12-21-1999	Breese et al.
	A47	US-6,005,562	12-21-1999	Shiga et al.
	A48	US-5,999,173	12-07-1999	Ubillos
	A49	US-5,987,454	11-16-1999	Hobbs
	A50	US-5,986,692	11-16-1999	Logan et al.
	A51	US-5,978,773	11-02-1999	Hudetz et al.
	A52	US-5,950,187	09-07-1999	Tsuda
	A53	US-5,946,678	08-31-1999	Aalbersberg
/RS/	A54	US-5,943,679	08-24-1999	Niles et al.

Examiner Signature	/R Stevens/	Date Considered	01/17/2008
--------------------	-------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08497/DOCS/1825249.2

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

Application No.	10/814,844
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2162
Examiner Name	Robert Stevens
Attorney Docket Number	20412-08497

Sheet 3 of 15

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/RS/	A55	US-5,939,699	08-17-1999	Perttunen et al.
	A56	US-5,933,841	08-03-1999	Schumacher et al.
	A57	US-5,933,829	08-03-1999	Durst et al.
	A58	US-5,898,709	04-27-1999	Imade et al.
	A59	US-5,898,166	04-27-1999	Fukuda et al.
	A60	US-5,895,476	04-20-1999	Orr et al.
	A61	US-5,894,333	04-13-1999	Kanda et al.
	A62	US-5,892,536	04-06-1999	Logan et al.
	A63	US-5,873,107	02-16-1999	Borovoy et al.
	A64	US-5,870,770	02-09-1999	Wolfe
	A65	US-5,869,819	02-09-1999	Knowles et al.
	A66	US-5,860,074	01-12-1999	Rowe et al.
	A67	US-5,857,185	01-05-1999	Yamaura
	A68	US-5,838,317	11-17-1998	Bolnick et al.
	A69	US-5,832,474	11-03-1998	Lopresti et al.
	A70	US-5,819,301	10-06-1998	Rowe et al.
	A71	US-5,809,318	09-15-1998	Rivette et al.
	A72	US-5,790,114	08-04-1998	Geaghan et al.
	A73	US-5,784,616	07-21-1998	Horvitz
	A74	US-5,781,785	07-14-1998	Rowe et al.
	A75	US-5,778,397	07-07-1998	Kupiec et al.
	A76	US-5,761,655	06-02-1998	Hoffman
	A77	US-5,758,037	05-26-1998	Schroeder
	A78	US-5,751,283	05-12-1998	Smith
	A79	US-5,749,735	05-12-1998	Redford et al.
	A80	US-5,748,805	05-05-1998	Withgott et al.
/RS/	A81	US-5,745,756	04-28-1998	Henley

Examiner Signature	/R Stevens/	Date Considered	01/17/2008
-----------------------	-------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08497/DOCS/1825249.2

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

Application No.	10/814,844
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2162
Examiner Name	Robert Stevens
Attorney Docket Number	20412-08497

Sheet	4	of	15
-------	---	----	----

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/RS/	A82	US-5,737,599	04-07-1998	Rowe et al.
	A83	US-5,721,897	02-24-1998	Rubinstein
	A84	US-5,706,097	01-06-1998	Schelling et al.
	A85	US-5,694,559	12-02-1997	Hobson et al.
	A86	US-5,680,636	10-21-1997	Levine et al.
	A87	US-5,675,752	10-07-1997	Scott et al.
	A88	US-5,638,543	06-10-1997	Pedersen et al.
	A89	US-5,628,684	05-13-1997	Bouedec
	A90	US-5,624,265	04-29-1997	Redford et al.
	A91	US-5,600,775	02-04-1997	King et al.
	A92	US-5,596,700	01-21-1997	Darnell et al.
	A93	US-5,485,554	01-16-1996	Lowitz et al.
	A94	US-5,481,666	01-02-1996	Nguyen et al.
	A95	US-5,479,600	12-26-1995	Wroblewski et al.
	A96	US-5,467,288	11-14-1995	Fasciano et al.
	A97	US-5,442,795	08-15-1995	Levine et al.
	A98	US-5,418,948	05-23-1995	Turtie
	A99	US-5,404,295	04-04-1995	Katz et al.
↓ /RS/	A100	US-5,384,703	01-24-1995	Withgott et al.
	A101	US-5,382,776	01-17-1995	Arii et al.
	A102	US-5,349,658	09-20-1994	O'Rourke et al.
	A103	US-5,309,359	05-03-1994	Katz et al.
	A104	US-5,258,880	11-02-1993	Takahashi
	A105	US-5,250,787	10-05-1993	Arii et al.
	A106	US-5,153,831	10-06-1992	Yianilos
	A107	US-4,831,610	05-16-1989	Hoda et al.
	A108	US-4,823,303	04-18-1989	Terasawa

Examiner Signature	/R Stevens/	Date Considered	01/17/2008
-----------------------	-------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08497/DOCS/1825249.2

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

Application No.	10/814,844
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2162
Examiner Name	Robert Stevens
Attorney Docket Number	20412-08497

Sheet	5	of	15
-------	---	----	----

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/RS/	A109	US-4,481,412	11-06-1984	Fields
	A110	US-4,417,239	11-22-1983	Demke et al.
	A111	US-RE36,801	08-01-2000	Logan et al.
	A112	US-2005/0223322 A1	10-06-2005	Graham et al.
	A113	US-2005/0216852 A1	09-29-2005	Hull et al.
	A114	US-2005/0216838 A1	09-29-2005	Graham
	A115	US-2005/0213153 A1	09-29-2005	Hull et al.
	A116	US-2005/0149849 A1	07-07-2005	Graham et al.
	A117	US-2004/0247298 A1	12-09-2004	Ohba
	A118	US-2004/0181815 A1	09-16-2004	Hull et al.
	A119	US-2004/0181747 A1	09-16-2004	Hull et al.
	A120	US-2004/0100506 A1	05-27-2004	Shiota et al.
	A121	US-2004/0071441 A1	04-15-2004	Foreman et al.
	A122	US-2004/0064339 A1	04-01-2004	Shiota et al.
	A123	US-2004/0064338 A1	04-01-2004	Shiota et al.
	A124	US-2004/0037540 A1	02-26-2004	Frohlich et al.
	A125	US-2004/0015524 A1	01-22-2004	Chalstrom et al.
	A126	US-2004/0008209 A1	01-15-2004	Adams et al.
	A127	US-2004/0006577 A1	01-08-2004	Rix
	A128	US-2003/0156589 A1	08-21-2003	Suetsugu
	A129	US-2003/0065665 A1	04-03-2003	Kinjo
	A130	US-2003/0052897 A1	03-20-2003	Lin
	A131	US-2002/0135808 A1	09-26-2002	Parry
	A132	US-2002/0116575 A1	08-22-2002	Toyomura et al.
	A133	US-2002/0099452 A1	07-25-2002	Kawai
	A134	US-2002/0095460 A1	07-18-2002	Benson
/RS/	A135	US-2002/0070982 A1	06-13-2002	Hill et al.

Examiner Signature	/R Stevens/	Date Considered	01/17/2008
-----------------------	-------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08497/DOCS/1825249.2

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application No.	10/814,844
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2162
Examiner Name	Robert Stevens
Attorney Docket Number	20412-08497

Sheet 6 of 15

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/RS/	A136	US-2002/0066782 A1	06-06-2002	Swaminathan et al.
↓	A137	US-2002/0059342 A1	05-16-2002	Gupta et al.
↓	A138	US-2002/0047870 A1	04-25-2002	Carro
↓	A139	US-2002/0036800 A1	03-28-2002	Nozaki et al.
↓	A140	US-2001/0044810 A1	11-22-2001	Timmons
↓	A141	US-2001/0013041 A1	08-09-2001	Macleod et al.
/RS/	A142	US-2001/0005203 A1	06-28-2001	Wiernik

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
/RS/	B1	EP 248 403 B1	12-09-1987	Hitachi, Ltd.	
↓	B2	EP 378 848 A2	07-25-1990	International Business Machines Corporation	
↓	B3	EP 459 174 B1	11-20-1996	International Business Machines Corporation	
↓	B4	EP 737 927 B1	10-16-1996	Xerox Corporation	
↓	B5	EP 762 297 A2	03-12-1997	Sun Microsystems, Inc.	
↓	B6	EP 788 064 B1	01-15-2003	Mitsubishi Denki Kabushiki Kaisha	
↓	B7	EP 788 063 B1	10-12-2005	Mitsubishi Denki Kabushiki Kaisha	
↓	B8	EP 802 492 A1	10-22-1997	International Business Machines Corporation	
↓	B9	GB 2 137 788 A	10-10-1984	Gavilan Computer Corporation	
↓	B10	GB 2 156 118 A	10-02-1985	Canon Kabushiki Kaisha	
↓	B11	GB 2 234 609 A	06-02-1991	International Business Machines Corporation	
↓	B12	GB 2 290 898 A	01-10-1996	Canon Business Machines Inc.	
↓	B13	GB 2 331 378 A	05-19-1999	Edmund David Gill	
↓	B14	JP 8-297677 A2	11-12-1996	Xerox Corp.	
/RS/	B15	JP 04-021165 A	01-24-1992	Fujitsu Ltd.	

Examiner Signature	/R Stevens/	Date Considered	01/17/2008
--------------------	-------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08497/DOCS/1825249.2

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	10/814,844
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2162
				Examiner Name	Robert Stevens
Sheet	7	of	15	Attorney Docket Number	20412-08497

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ^d
/RS/	C1	"About Telus Investors Glossary," downloaded from http://about/telus.com/investors/glossary.html , downloaded April 14, 2005, pp. 1-7.	
	C2	Acrobat Reader Version 2.0 (software application), Adobe Systems Incorporated, screenshots Figures 1-10, 1994.	
	C3	Adobe Premiere (Video Editing Software) from http://www.adobe.com , 2002.	
	C4	Adobe Acrobat Reader 3.0 Screen Dumps (Fig. 1-3), 1996.	
	C5	Adobe Systems, Inc., "Adobe Photoshop 4.0 User Guide for Macintosh and Windows," pp. 30-31, 1996.	
	C6	The Army's Virtual World, pages 1-6 downloaded from http://www.g4tv.com/screensavers/features/492/The_Armys_Virtual_World.html on March 16, 2005.	
	C7	Apple Macintosh System 7 Reference Manual, pp. 30-31, 1991.	
	C8	BALL et al., "Software Visualization in the Large," IEEE Computer, 1996, pp. 33-43, Vol. 29.	
	C9	BECKER, D., "Strategy: Outside the Box," CNET News.com, December 10, 2003, pages 1-7, downloaded March 15, 2005.	
	C10	BERCKER, D., "Players: Clash of the Titans," CNET News.com, December 10, 2003, pages. 1-6, downloaded March 15, 2005.	
	C11	BEGOLE et al., "Flexible Collaboration Transparency," doc. ID: ncstrl.vatech.su b.—cs/TR-98-11, Virginia Polytechnic Institute and State University, 1998.	
	C12	BEGOLE et al. "Flexible Collaboration Transparency: Supporting Worker Independence In Replicated Application-Sharing Systems," ACM Transactions On Computer-Human Interaction, June 1999, pp. 95-132, Vol. 6, No. 2.	
	C13	BEGOLE et al., "Supporting Worker Independence in Collaboration Transparency," doc. ID: ncstrl.vatech.subn.—cs/TR-98-12, Virginia Polytechnic Institute and State University, 1998.	
	C14	BEGOLE et al., "Supporting Worker Independence In Collaboration Transparency," technical report from the Computer Science Department of Virginia Tech, doc. ID: ncstrl.vatech cs/TR-98-12.	
	C15	BOBICK et al., "A State Based Approach to the Representation and Recognition of Gesture," IEEE Trans. on Pattern Analysis and Machine Intelligence, 1997, pp. 1325-1337.	
	C16	BOGURAEV et al., "Salience-Based Content Characterization of Text Documents," Proceedings of the ACL/EACL Workshop on Intelligent[Sic] Scalable Text Summarization, 1997, Topic Identification, Discourse-Based Summarization, 1997, pp. 1-12.	
/RS/	C17	BOGURAEV et al., "Salience/based Content Characterization of Text Documents," in Proceedings of	

Examiner Signature	/R Stevens/	Date Considered	01/17/2008
--------------------	-------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08497/DOCS/1825249.2

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	10/814,844
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2162
				Examiner Name	Robert Stevens
Sheet	8	of	15	Attorney Docket Number	20412-08497

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
/RS/		Workshop on Intelligent Scalable Text Summarization at the ACL/EACL Conference, Madrid, Spain, 12 pages, July 7-12, 1997.	
	C18	BORECZKY, J. et al., "An Interactive Comic Book Presentation for Exploring Video," Conference on Human Factors in Computing Systems (CHI 2000), ACM Press, 2000, pp. 185-192.	
	C19	BORLAND, J., "A New Prime Time," CNET News.com, pages 1-7, downloaded March 15, 2005.	
	C20	BOYKIN et al., "Improving Broadcast News Segmentation Processing," IEEE Multimedia '99, 1999.	
	C21	BOYKIN et al., "Machine Learning of Event Segmentation for News on Demand," Communications of the ACM, 2000, pp. 35-41, No. 43.	
	C22	BRANDOW et al., "Automatic Condensation of Electronic Publication by Sentence Selection," Information Processing and Management, 1995, pp. 675-685, Vol. 31, No. 5.	
	C23	BROWN et al., "Automatic Content-Based Retrieval of Broadcast News," ACM Multimedia 5, San Francisco, CA, 1995.	
	C24	BYRD, D., "A Scrollbar-Based Visualization for Document Navigation," doc. ID: xxx.cs.IR/9902028, Computer Research Repository: Information Retrieval, 1999.	
	C25	CHEN et al., "Emotion Recognition from Audiovisual Information," Proc. IEEE Workshop on Multimedia Signal Processing, Los Angeles, CA, USA, 1998, pp. 83-88.	
	C26	CHEN et al., "VIBE: A Video Indexing and Browsing Environment," Proceedings of the SPIE Conference on Multimedia Storage and Archiving Systems, September 20-22, 1999, Boston, 1999, pp. 148-164, Vol. 3846.	
	C27	CHIU et al., "NoteLook: Taking Notes in Meetings with Digital Video and Ink," ACM Multimedia 99, Orlando, 1999.	
	C28	CHIU et al., "Automatically Linking Multimedia Meeting Documents by Image Matching," Proceedings of Hypertext '00, ACM, New York, 2000, pp. 244-245.	
	C29	CHOI, Y.-I., "An Integrated Data Model and a Query Language for Content-Based Retrieval of Video," MIS'99, LCNS 1508, September 1998, pp. 192-198.	
	C30	CHRISTEL et al., "Evolving Video Skims into Useful Multimedia Abstractions," Proceedings of the CHI'98 Conference on Human Factors in Computing Systems, Los Angeles, CA, April 1998, pp. 171-178.	
	C31	CHRISTEL et al., "Information Visualization Within a Digital Video Library," Journal of Intelligent Information Systems, 1998, pp. 35-257, Vol. 11.	
✓	C32	"Computer Terms," downloaded from http://www.park-meadow.org/computer.sub.--terms.htm , downloaded April 14, 2005, pp. 1-8.	
/RS/	C33	DELLAERT et al., "Recognizing Emotion in Speech," Proceedings ICSLP 96, Fourth International Conference on Spoken Language Processing, New York, (Cat. No. 96 TH 8206), IEEE, 1996, Vol. 1970-1973.	

Examiner Signature	/R Stevens/	Date Considered	01/17/2008
--------------------	-------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.
Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08497/DOCS/1825249.2

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	10/814,844
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2162
				Examiner Name	Robert Stevens
Sheet	9	of	15	Attorney Docket Number	20412-08497

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶	
/RS/	C34	DIMITROVA et al., "Video Keyframe Extraction and Filtering: A Keyframe is not a Keyframe to Everyone," CIKM 1997, 1997, pp. 113-120.		
	C35	DOERMANN et al., "Applying Algebraic and Differential Invariants for Logo Recognition," Machine Vision and Applications, 1996, pp. 73-86, Vol. 9.		
	C36	DONATO et al., "Classifying Facial Actions," IEEE Trans. on Pattern Analysis and Machine Intelligence, 1999, pp. 974-989, Vol. 1. 21.		
	C37	DRUCKER et al., "SmartSkip Consumer Level Browsing and Skipping of Digital Video Content," Paper: Technology to Help People Find Information, Minneapolis, Minnesota, USA, April 20-25, 2002, pp. 219-226, Vol. No. 4, Issue No. 1.		
	C38	ESSA et al., "Coding Analysis Interpretation and Recognition of Facial Expressions," IEEE Trans. on Pattern Analysis and Machine Intelligence, 1997, pp. 757-763, Vol. 19.		
	C39	Face Recognition Techniques described at web site http://www.visionics.com , 2002.		
	C40	"Flexible JAMM Screenshots," downloaded from internet site http://simon.cs.ct.edu/~jamm , May 4, 2000.		
	C41	FOOTE, J. et al., "An Intelligent Media Browser Using Automatic Multimodal Analysis," ACM Multimedia 8, Bristol, UK, 1998.		
	C42	"Fujitsu Markets Facsimile Connection System for Computer I/O," Comline Telecommunications, November 1989, p. 5.		
	C43	FURUI et al., "Japanese Broadcast news Transcription and Information Extraction," Communications of the ACM, February 2000, pp. 71-73, Vol. 43, No. 2.		
	C44	GAUDIOSI, J., "TV Execs Go Gaga Over Gaming," Wired News, pages 1-3, downloaded March 15, 2005.		
	C45	GAUVAIN et al., "Transcribing Broadcast News for Audio and Video Indexing," Communications of the ACM, 2000, pp. 64-70, Vol. 43.		
	C46	GIBBON, D.C., "Generating Hypermedia Documents from Transcriptions of Television Programs Using Parallel Text Alignment," Handbook of Internet and Multimedia Systems and Applications, CRC Press, 1998.		
	C47	"Glossary for Computer Hardware and Micro Scoope," downloaded from http://www.mumbaicyber.com/glossary.sub.--com.sub.--hardware.sub.--m-icro.asp , downloaded on April 14, 2005, pp. 1-11.		
	C48	"Glossary: What Does It Mean?" downloaded from http://www.fairfield.k12.ct.us/fairfieldhs/cfairfieldhs03/glossary.htm , downloaded April 14, 2005, pp. 1-3.		
	C49	GLIEDMAN, "Virtual Office Managers," Computer Shopper, 1998, p. 290, Vol. 18.		
/RS/	C50	GORDON, "Using Annotated Video as an Information Retrieval Interface," ACM Proceedings of the 5 th		

Examiner Signature	/R Stevens/	Date Considered	01/17/2008
--------------------	-------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08497/DOCS/1825249.2

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	10/814,844
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2162
				Examiner Name	Robert Stevens
Sheet	10	of	15	Attorney Docket Number	20412-08497

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
/RS/		International Conference on Intelligent User Interfaces, New Orleans, 2000, pp. 133-140.	
	C51	GREENBERG et al., "Sharing Fisheye Views in Relaxed-WYSIWIS Groupware Applications," Proceedings of the Graphics Interface, Toronto, Canada, May 22-24, 1995, Distributed by Morgan-Kaufmann, pp. 28-38, http://www.cpsc.ucalgary.ca/group/lab/papers/1996/96-Fisheye.GI/gi96_fisheye.html .	
	C52	GRUNIN, L., "Action" PC Magazine, September 1993, p. 240-243, Vol. 12, No. 15.	
	C53	"Hang On-Blue Sky's WinHelp is on the Way," PC Week, July 1995, p. 59.	
	C54	HAUPTMANN et al., "Story Segmentation and Detection of Commercials in Broadcast News Video," Advances in Digital Libraries Conference, Santa Barbara, CA, April 22-23, 1998.	
	C55	HAUPTMANN et al., "Text Speech and Vision for Video Segmentation: the Information Project," Proc. AAAI Fall Symp. Computational Models for Integrating Language and Vision, Boston, MA, November 10-12, 1995.	
	C56	HE et al., "Comparing Presentation Summaries: Slides vs. Reading vs. Listening," Conference on Human Factors in Computing Systems (CHI 2000), April 1-6, 2000.	
	C57	HEARST et al., "TileBars: Visualization of Term Distribution Information in Full Text Information Access," Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI), Denver, CO, May 1995, pp. 1-8, http://www.acm.org/sigchi/chi95/Electronic/documents/papers/mah_bdy.htm .	
	C58	HECHT, "Embedded Data Glyph Technology for Hardcopy Digital Documents," Proc. SPIE, 1994, pp. 341-352, Vol. 2171.	
	C59	HECHT, "Printed Embedded Data Graphical User Interfaces," IEEE Computer, March 2001.	
	C60	HILL et al., "Edit Wear and Read Wear," ACM, May 3-7, 1992, pp. 3-9.	
	C61	HU et al., "Multimedia Description Framework (MDF) for Content Descriptions of Audio/Video Documents," Fourth ACM Conference on Digital Libraries (DL '99), August 11-14, 1999.	
	C62	"IBM, Partners Team On Web-Based Image Search, Printing September 29, 1995," Newsbytes News Network.	
	C63	IBM Technical Disclosure Bulletin, "Quick Selection of Window Environment Coordinates," 1992, pp. 57-60, Vol. 35, Iss. #48.	
	C64	Identitech Unisys: Unisys Wins Florida Housing Finance Agency Contract; Identitech Provides Workflow Software Solution, Business Editors/Computer Writers, June 1995.	
↓	C65	IDENTITECH: Identitech Announces FYI 2.5.2 Release with NT Object Server, SmartForm and ODBC, Business Editors, July 1996.	
/RS/	C66	IOFFE et al., "Finding People by Sampling," Proc. International Conference on Computer Vision, 1999, pp. 1092-1097.	

Examiner Signature	/R Stevens/	Date Considered	01/17/2008
--------------------	-------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08497/DOCS/1825249.2

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

Application No.	10/814,844
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2162
Examiner Name	Robert Stevens
Attorney Docket Number	20412-08497

Sheet	11	of	15
-------	----	----	----

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
/RS/	C67	"IT&T Talk," downloaded from http://www.iib.qld.gov.au/itcareers/talk.asp , downloaded April 14, 2005, pp. 1-4.	
	C68	JIN et al., "Topic Tracking for Radio, TV Broadcast, and Newswire," Proceedings of the DARPA Broadcast News Workshop, February 28-March 3, 1999, Herndon, VA.	
	C69	KOMLODI et al., "Key Frame Preview Techniques for Video Browsing," Proceedings of the 3 rd ACM International Conference on Digital Libraries, June 23-26, 1998, Pittsburgh, 1998, pp. 118-125.	
	C70	LAM et al., "Automatic Document Classification Based on Probabilistic Reasoning: Model and Performance Analysis, IEEE, 1997, pp. 2719-2723, Vol. 3.	
	C71	LANGLEY, "An Analysis of Bayesian Classifiers," Proceedings of the Tenth National Conference on Artificial Intelligence, 1992, pp. 223-228.	
	C72	LANGLEY, "Induction of Selective Bayesian Classifiers," Proceedings of the Tenth International Conference on Uncertainty in Artificial Intelligence, 1994, pp. 400-406.	
	C73	LI et al., "Automatic Text Detection and Tracking in Digital Video," IEEE Transactions on Image Processing – Special Issue on Image and Video Processing for Digital Libraries, 2000, pp. 147-156, Vol. 9.	
	C74	LI et al., "Text Extraction and Recognition in Digital Video," Proceedings of the Third IAPR Workshop on Document Analysis Systems, 1998, pp. 119-128.	
	C75	LI et al., "Text Extraction, Enhancement and OCR in Digital Video," DAS '98, LNCS 1655, pp. 363-377, Springer-Verlag Berlin Heidelberg 1999.	
	C76	LI et al., "VISION: A Digital Video Library," Proceedings of the 1 st ACM International Conference on Digital Libraries, 1996, pp. 19-27.	
	C77	LIANG et al., "Practical Video Indexing and Retrieval Systems," SPIE, 1988, pp. 294-303, Vol. 3240.	
	C78	LIENHART et al., "On the Detection and Recognition of Television Commercials,," Proc. IEEE Conf. on Multimedia Computing and Systems, Ottawa, Canada, June 1997, pp. 509-516.	
	C79	LISON, H. et al., "Sight and Sound," Unix Review, October 1989, pp. 76-86, Vol. 7, No. 10.	
	C80	MA et al., "An Indexing and Browsing System for Home Video," Invited Paper, EUSIPCO '2000, 10th European Signal Processing Conference, September 5-8, 2000, Tampere, Finland.	
	C81	MANBER, "The Use of Customized Emphasis in Text Visualization," Proceedings of 1997 IEEE Conf. on Information Visualization, 1997, pp. 132-138.	
	C82	MAYBURY, "News on Demand," Communications of the ACM, 2000, pp. 33-34, Vol. 43.	
V /RS/	C83	MAYBURY et al., "Multimedia Summaries of Broadcast News," International Conference on Intelligent Information Systems, December 8-10, 1997, pp. 447-449.	
	C84	MAYBURY et al., "Segmentation, Content Extraction and Visualization of Broadcast News Video Using	

Examiner Signature	/R Stevens/	Date Considered	01/17/2008
--------------------	-------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08497/DOCS/1825249.2

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	10/814,844
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2162
				Examiner Name	Robert Stevens
Sheet	12	of	15	Attorney Docket Number	20412-08497

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
/RS/		Multistream Analysis," AAAI Paper, 1997.	
	C85	MERIALDO et al., "Automatic Construction of Personalized TV News Programs," Seventh ACM International Multimedia Conference, Orlando, November 1999.	
	C86	MERLINO et al., "Broadcast News Processing Techniques," MITRE Technical Report, MTR 99B0000031, April 1999.	
	C87	MERLINO et al., "Broadcast News Navigation Using Story Segmentation," Advanced Information Systems Center, The MITRE Corporation, 1997.	
	C88	MOHAN, "Text-Based Search of TV News Stories," Proc. SPIE, 1996, pp. 2-13, Vol. 2916.	
	C89	"Multimedia" downloaded from http://en.wikipedia.org/wiki/Multimedia , downloaded April 1, 2005, pp. 1-2.	
	C90	MYERS et al., "Multi-View Intelligent Editor for Digital Video Libraries," First ACM and IEEE Joint Conference on Digital Libraries, June 24-28, 2001, Roanoke, VA, pp. 106-115.	
	C91	OH et al., "Efficient and Cost-Effective Techniques for Browsing and Indexing Large Video Databases," SIGMOD Conference 2000, pp. 415-426.	
	C92	OHMORI, Y. et al., "Enhanced MultiMedia Recorder (EMMR): A Tool for Programmable Access to Organized Multimedia Data," John Shori Gakkai Kenkyu Hokoku, 1998, pp. 39-44, Vol. 98, No. 35(HI-78).	
	C93	OKADA, H. et al., "Development of Application Programs for Distributed Processing Equipment," Review of the Electrical Communication Laboratories, July 1986, pp. 465-471, Vol. 34, No. 4.	
	C94	PHILLIPS, R.L., "MediaView: A General Multimedia Digital Publication System," Communications of the ACM, July 1991, pp. 75-83, Vol. 34, No. 7.	
	C95	PHOTINA et al., "Improving Acoustic Models with Captioned Multimedia Speech," Proceedings IEEE International Conference on Multimedia Computing and Systems, 1999, pp. 767-771, Vol. 2.	
	C96	ROSCHELLE, J. et al., "VideoNoter: A Productivity Tool for Video Data Analysis," Institute for Research on Learning, California, Psychonomic Society, Inc., Behavior Research Methods, Instruments & Computers, 1991, pp. 219-224, Vol. 23, No. 2.	
	C97	ROWLEY et al., "Neural Network-Based Face Detection," IEEE Transactions on Pattern Analysis and Machine Intelligence, 1998, pp. 23-28, Vol. 20.	
	C98	SAUR, D.D., "Automated Analysis and Annotation of Basketball Vide," February 1997, SPIE, pp. 176-187, Vol. 3122.	
	C99	SCHWEIGHOFER et al., "The Automatic Generation of Hypertext Links in Legal Documents," Lecture Notes in Computer Science, Wagner et al., eds., from 7 th Intl. Conf. DEXA 96, held September 1996 in Zurich, Switzerland, Vol. 1134.	
/RS/	C100	SHAHRARAY et al., "Automatic Generation of Pictorial Transcripts of Video Programs," Proceedings of the	

Examiner Signature	/R Stevens/	Date Considered	01/17/2008
--------------------	-------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08497/DOCS/1825249.2

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	10/814,844
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2162
				Examiner Name	Robert Stevens
Sheet	13	of	15	Attorney Docket Number	20412-08497

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
/RS/		SPIE-Int. Soc. Opt. Eng., 1995, pp. 512-518, Vol. 2417.	
	C101	Product Brochure, Shutterfly, downloaded from http://www.shutterfly.com , downloaded March 15, 2005, 10 pages.	
	C102	SMITH et al., "Video Skimming and Characterization Through the Combination of Image and Language Understanding," Computer Vision and Pattern Recognition IEEE, 1997.	
	C103	SODERGARD et al., "Integrated Multimedia Publishing – Combining TV and Newspaper Content on Personal Channels," downloaded from http://www8.org/w8-papers/lb-multimedia/integrated/integrated.html , downloaded April 4, 2002, pp. 1-22.	
	C104	SONMEZ et al., "Multiple Speaker Tracking and Detection: Handset Normalization and Duration Scoring," Digital Signal Processing, 2000, pp. 133-143, Vol. 10.	
	C105	"SPRY Inc.'s Internet Front End Picked for PSI Cable Internet Service," April 1994, Information & Interactive Services Report, Vol. 15, No. 7.	
	C106	STRATTNER, A., "HP Pioneers I-TV Peripheral Market," Computer Shopper, February 1994, p. 71, Vol. 14, No. 2.	
	C107	SUDA et al., "Logo and Word Matching Using a General Approach to Signal Registration," Fourth International Conference on Document Analysis and Recognition, Ulm, Germany, August 18-20, 1997, p. 61-65.	
	C108	SUMITA et al., "Document Structure Extraction for Interactive Document Retrieval Systems," Proceedings of SIGDOC 93, 1993, pp. 301-310.	
	C109	TAGHVA et al., "An Evaluation Of An Automatic Markup System," SPIE Proceedings, February 6-7 1995, pp. 317-327, Volume 2422.	
	C110	TAGHVA et al., "Evaluation of an Automatic Markup System," Proceedings SPIE Vol. 2422, Document Recognition II, p. 317-327, March 1995.	
	C111	TAKAHASHI, D., "Some Gamers Scoring Amid Sales Slump, Sales of Video Games Hardware, Software and Peripherals Fall in 2003," San Jose Mercury News, January 22, 2004.	
	C112	TAXT, "Segmentation of Document Images," IEEE, 1989, pp. 1322-1329, Vol. 11.	
	C113	TENNENHOUSE et al., "A Software-Oriented Approach to the design of Media Processing Environments," Proceedings of the IEEE International Conference on Multimedia Computing and Systems, 1994, pp. 435-444.	
✓	C114	TONOMURA et al., "VideoMAP and VideoSpacelcon: Tools for Anatomizing Video Content," Proc. INTERCHI '93 ACM, 1993, pp. 131-136.	
/RS/	C115	UCHIHASHI et al., "Summarizing Video Using a Shot Importance Measure and a Frame-Packing	

Examiner Signature	/R Stevens/	Date Considered	01/17/2008
--------------------	-------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08497/DOCS/1825249.2

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/814,844
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2162
				Examiner Name	Robert Stevens
Sheet	14	of	15	Attorney Docket Number	20412-08497

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
/RS/		Algorithm," Proceedings of the International Conference on Acoustics, Speech, and Signal Processing (Phoenix, AZ), 1999, pp. 3041-3044, Vol. 6.	
	C116	UCHIHASHI et al., "Video Manga; Generating Semantically Meaningful Video Summaries," ACM Multimedia 99, Orlando, Florida, October 30-November 5, 1999.	
	C117	"The Unofficial Half Life MOD FAQ Version 2.6," pages 1-12 downloaded from http://www.planethalflife.com/botman/MOD_FAQ.shtml on March 15, 2005.	
	C118	VAN-HORN-CHRISTOPHER, D.A., "Have You Talked to Your Computer Today!" Business Forum, 1994, pp. 10-11, Vol. 19, No. 3, 4.	
	C119	Video Content and Management and Publishing Software from Virage, http://www.virage.com , 2002.	
	C120	"Video Mail Retrieval Using Voice" Cambridge University Engineering Department Computer Laboratory and Olivetti Research Laboratory Summary of Research Found at http://svr-www.eng.cam.ac.uk/research/projects/vmr/ , 1997.	
	C121	"VNR Firm Offers Storyboards," PR News, December 4, 1995, downloaded from http://proquest.umi.com/pqdlink?index=20&did=0000000010830394&SrchMode=3&s-id.degree.1&F , downloaded August 9, 2004.	
	C122	"W3C Issues First Public Draft of Synchronized Multimedia Integration Language (SMIL)," Information Today, February 1998, p. 27, 30, Vol. 15, No. 2.	
	C123	WACTLAR et al., "Complementary Video and Audio Analysis for Broadcast News Archives," Communications of the ACM, 2000, pp. 42-27, Vol. 43.	
	C124	WACTLAR et al., "Intelligent Access to Digital Video: Informedia Project," Computer, 1996, pp. 46-52, Vol. 29.	
	C125	Web pages from PaperClick.com printed from http://www.paperclick.com on 6/14/06.	
	C126	WEISS et al., "Composition and Search with a Video Algebra," IEEE Multimedia, 1995, pp. 12-25, Vol. 2.	
	C127	WITTENBURG et al., "Browsing with Dynamic Key Frame Collages in Web-Based Entertainment Video Services," In Proceedings of the IEEE International Conference on Multimedia Computing and Systems, June 7-11, 1999, Florence, Italy, 1999, pp. 913-918, Vol. 2.	
	C128	"Study: Women Over 40 Biggest Online Gamers," CNN Technology, February 11, 2004, pages 1-2 downloaded from http://www.cnn.com/2004/TECH/fun.games/02/11/video.games.women.reu/ on March 15, 2005.	
	C129	"C:\...19149920c.wpd—unmodified" Screen Shots of Document Created in Core! WordPerfect, April 30, 2002, 4 pages.	
/RS/	C130	Product Brochure, YesVideo, downloaded from http://www.yesvideo.com/code , downloaded March 15,	

Examiner Signature	/R Stevens/	Date Considered	01/17/2008
--------------------	-------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.
 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08497/DOCS/1825249.2

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	10/814,844
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2162
				Examiner Name	Robert Stevens
Sheet	15	of	15	Attorney Docket Number	20412-08497

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
/RS/		2005, 20 pages.	
/RS/	C131	ZHANG et al., "Detection of Text Captions in Compressed Domain Video," International Multimedia Conference Proceedings of the 2000 ACM Workshops on Multimedia 2000, Los Angeles, California, United States, pp. 201-204.	

Examiner Signature	/R Stevens/	Date Considered	01/17/2008
-----------------------	-------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08497/DOCS/1825249.2